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# Plant Variety Protection Office Official Journal



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## PREFACE

The Plant Variety Protection Act (7 U.S.C. 2321 et seq.) authorizes the Secretary of Agriculture to publish an Official Journal to provide the public with information relating to the operations of the Plant Variety Protection Office. The statute also authorizes the Secretary to disseminate technological and other information that encourages innovation and progress in plant breeding.

The Official Journal, published quarterly, is available from:

Plant Variety Protection Office  
Agricultural Marketing Service  
U. S. Department of Agriculture  
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10301 Baltimore Blvd.  
Beltsville, Maryland 20705

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APPLICATIONS RECEIVED  
JANUARY 1, 1989 TO MARCH 31, 1989

Applications for protection have been filed for the following varieties. Each application has been assigned an application number and will be examined to determine whether the variety is entitled to a certificate of protection. The seed of these varieties may be labeled "Unauthorized Propagation Prohibited - U.S. Variety Protection Applied For."

APPL. NO.	VARIETY	GEN. APPL. (*)	DATE	NAME OF APPLICANT
ALFALFA 8900064	Allegiance	(*)	01/03/89	United AgriSeeds, Inc.
8900132	5262		03/27/89	Pioneer Hi-Bred International, Inc.
8900133	5364		03/27/89	Pioneer Hi-Bred International, Inc.
BARLEY 8900089	Winchester	(*)	02/07/89	Western Plant Breeders, Inc.
8900090	B2601	(3)	02/03/89	Busch Agricultural Resources, Inc.
BEAN, FIELD 8900127	Cinnabar		03/27/89	Rogers Brothers Seed Company

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< > Identifies temporary designations.

APPLICATIONS RECEIVED  
JANUARY 1, 1989 TO MARCH 31, 1989

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
BEAN, FIELD (Continued)			
8900128	Flint	03/27/89	Rogers Brothers Seed Company
8900129	<D80024>	03/27/89	Rogers Brothers Seed Company
BEAN, GARDEN			
8900131	Bush Romano 635	03/27/89	Rogers Brothers Seed Company
BENTGRASS, CREEPING			
8900086	Cobra	01/30/89	International Seeds Inc.
BLUEGRASS, KENTUCKY			
8900085	Barsweet	(3) 01/30/89	Barenbrug Holland B.V.
CAULIFLOWER			
8900126	Himalaya	03/23/89	Royal Sluis, Inc.
CELERY			
8900100	Hercules	02/21/89	Ferry-Morse Seed Company

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CORN, FIELD			
8900075	1538	01/18/89	United AgriSeeds, Inc.
8900092	WIL900	02/16/89	Wilson Hybrids, Inc.
8900093	WIL901	02/16/89	Wilson Hybrids, Inc.
8900094	WIL903	02/16/89	Wilson Hybrids, Inc.
8900095	CR14	02/17/89	J. C. Robinson Seed Co.
COTTON			
8900078	Southland M1	01/23/89	Southland Seed Company
8900104	HS-46	03/02/89	J & S Research Company, Inc.
8900105	Deltapine 51	03/08/89	Delta & Pine Land Company
8900114	Bronco 360	03/13/89	Bronco Seed Company

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COTTON (Continued)			
8900125	Rogers LG 86	03/20/89	Rogers LG Cottonseed Co.
COWPEA			
8900113	Mississippi Pinkeye	(3) 03/13/89	Mississippi Agricultural and Forestry Experiment Station
CUCUMBER			
8900073	Arkansas Little Leaf	(3) 01/17/89	M. J. Goode, J. L. Bowers and Arkansas Agricultural Experiment Station
FESCUE, TALL			
8900069	Chieftain	01/04/89	Pickseed West Inc.
8900083	Barnone	(3) 01/30/89	Barenbrug Holland B.V.
HARDINGGRASS			
8900076	Oasis	01/18/89	Alabama Agricultural Experiment Station
LETTUCE			
8900088	Champ	02/02/89	Genecorp, Inc.

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APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
LETTUCE (Continued)			
8900097	<MX31-2>	(*) 02/21/89	Sakata Seed America, Inc.
8900098	<MX 214>	(*) 02/21/89	Sakata Seed America, Inc.
8900099	<MX-250>	(*) 02/21/89	Sakata Seed America, Inc.
8900102	Target	03/01/89	Arthur Yates & Co. Pty. Ltd.
8900103	Bulls Eye	03/01/89	Arthur Yates & Co. Pty. Ltd.
8900110	Bella Rosa	03/13/89	Plant Genetics, Inc.
8900137	Don Juan	03/28/89	Harris Moran Seed Co.
LOBELIA, ANNUAL			
8900072	<L 16>	01/11/89	Stuis & Groot Research

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APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
MARIGOLD 8900119	Nemanon	03/20/89	Cardo Construct
MUSKMELON 8900091	<M21>	02/15/89	Northrup King Co.
OAT 8900117	Pennuda	(3) 03/16/89	Pennsylvania Agricultural Experiment Station and USDA-ARS
PARSNIP 8900115	Andover	03/14/89	Regents of the University of Minnesota
PEA 8900081	Impala	(3) 01/26/89	Cebeco-Handelsraad, Neth.
8900106	Reco	03/06/89	NESTEC S.A.
8900107	Nordic	03/08/89	Rogers Brothers Seed Company

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APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
PEANUT 8900116	NC 10C	(3) 03/14/89	North Carolina Agricultural Research Service
RAPE 8900134	Diadem	03/27/89	Calgene, Inc./King Grain Inc.
8900135	Ceres	03/27/89	Calgene, Inc./King Grain Inc.
8900136	Cobra	03/27/89	Calgene, Inc./King Grain Inc.
RICE 8900077	V7817	01/23/89	RiceTec Seed (Farms of Texas Co.)
8900101	M-103	(3) 02/24/89	California Cooperative Rice Research Foundation, Inc.
RYEGRASS, PERENNIAL 8900084	Barrage	(3) 01/30/89	Barenbrug Holland B.V.

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APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
RYEGRASS, PERENNIAL (Continued)			
8900138	Dillon	03/30/89	International Seeds Inc.
SOYBEAN			
8800148	Sharkey	(3) 02/24/89	Mississippi Agricultural & Forestry Experiment Station
8900080	Deltapine 726	01/25/89	Delta & Pine Land Company
8900087	Deltapine 415	01/31/89	Delta & Pine Land Company
8900109	FFR 398	03/06/89	FFR Cooperative
TOBACCO			
8900079	K358	01/23/89	Northrup King Co.
TOMATO			
8900111	Yuba	03/13/89	Ferry-Morse Seed Company

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TOMATO (Continued)				
8900118	Butte		03/20/89	Ferry-Morse Seed Company
WATERMELON				
8900096	Jubilee II		02/21/89	Florida Agricultural Experiment Station
WHEAT, COMMON				
8900074	Karl	(3)	01/17/89	Kansas Agricultural Experiment Station
8900112	2548		03/13/89	Pioneer Hi-Bred International, Inc.
8900120	Rio Blanco	(3)	03/20/89	Agripro Biosciences Inc.
8900121	Bronco	(3)	03/20/89	Agripro Biosciences Inc.
8900122	Sierra	(3)	03/20/89	Agripro Biosciences Inc.
8900123	Waco	(3)	03/20/89	Agripro Biosciences Inc.

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WHEAT, 8900124	COMMON (Continued) Fjeld	(3) 03/20/89	Agripro Biosciences Inc.
8900130	Hancock	(3) 03/27/89	Agripro Biosciences Inc.
WHEAT, DURUM 8900082	Durex	(3) 01/26/89	Farmers Marketing Corporation
WHEAT, POLISH 8900108	QK-77	03/06/89	T. M. Quinn

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APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE  
JANUARY 1, 1989 TO MARCH 31, 1989

Applications for the varieties listed below are no longer being considered for U.S. plant variety protection. Although propagation of these varieties is no longer prohibited by the U.S. Plant Variety Protection Act, varieties published in this list may possibly be protected under the Patent Act.

KIND	APPL. NO.	VARIETY
BEAN, GARDEN	8600049	Earlserve
BEAN, GARDEN	8600050	Landmark
CLOVER, WHITE	8300147	Ross
COTTON	8900055	Deltapine 51 *
LETTUCE	8800205	Red Lakes
MARIGOLD	8800167	Janie Harmony
MARIGOLD	8800168	Aurora Fire

< > Identifies temporary designations.

\* Voluntarily withdrawn 12/27/88. Reapplied 03/08/89, Application No. 8900105.

APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE  
JANUARY 1, 1989 TO MARCH 31, 1989

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KIND	APPL. NO.	VARIETY
MARIGOLD	8800169	Aurora Gold
SESAME	8800128	Sesaco 10
SESAME	8800129	Sesaco 11
WHEAT, COMMON	8600025	<83501>
WHEAT, COMMON	8600157	Carson

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM  
JANUARY 1, 1989 TO MARCH 31, 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
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ALFALFA

8800119 York

'York' is most similar to 'Edge', 'Summit', and 'Trumpetor'; however, 'York' has low resistance to Verticillium wilt whereas 'Edge' and 'Summit' are resistant. 'York' is resistant to Phytophthora root rot whereas 'Trumpetor' has low resistance.

02/28/89

Plant Genetics, Inc.

8900064 Allegiance

'Allegiance' is most similar to 'DK 125'; however, 'Allegiance' is more fall dormant (equivalent to 'Ranger' vs 'Saranac'), has greater resistance to spotted alfalfa aphid (13 vs 1% resistant plants), has less resistance to Phytophthora root rot (34 vs 44% resistant plants), and has less resistance to bacterial wilt (60 vs 71% resistant plants) than 'DK 125'.

(\*) 03/31/89 United AgriSeeds, Inc.

BLUESTEM, BIG

8800020 Niagara

(2) 01/31/89 Research Corporation Technologies, Inc. and USDA-ARS

'Niagara' most nearly resembles 'Pawnee'; however, 'Niagara' is considerably earlier (seed at soft dough stage vs 50% yellow anthers) than 'Pawnee'.

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
COREOPSIS, PERENNIAL				
8800196	Early Sunrise		01/31/89	W. Atlee Burpee Company
	'Early Sunrise' is most similar to 'Sunray'; however 'Early Sunrise' produces flowers 45 days earlier, has plants 8 cm shorter, and differs from 'Sunray' in flower color, Royal Horticultural Society (RHS) Colour Chart Gold 17C vs Yellow 14B for 'Sunray'.			
CORN, FIELD				
8800029	787		03/31/89	Northrup King Co.
	'787' is most similar to 'Mo 17'; however, '787' has only the central tassel spike whereas 'Mo 17' has several tassel branches in addition to the central spike.			
8800032	W8304		03/31/89	Northrup King Co.
	'W8304' is most similar to 'B73'; however, 'W8304' has yellow anthers whereas 'B73' has light purple anthers.			
8800177	11430		03/31/89	Cargill, Inc.
	'11430' is most similar to 'OH43'; however, '11430' has bronze-colored kernels whereas 'OH43' has yellow kernels.			

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
CORN, FIELD (Continued)				
8800178	2369		03/31/89	Cargill, Inc.
	'2369' is most similar to 'B73'; however, '2369' has 16 kernel rows and 35% round kernels whereas 'B73' has 18 kernel rows and less than 20% round kernels.			
8800189	87916W		01/31/89	Dekalb-Pfizer Genetics
	'87916W' most closely resembles 'B73Ht'; however, '87916W' has white kernels and white cobs whereas 'B73Ht' has yellow kernels and red cobs.			
8800193	2MA22		01/31/89	Dekalb-Pfizer Genetics
	'2MA22' is most similar to 'A295'; however, '2MA22' has pink cobs whereas 'A295' has red cobs.			
8800194	MBST		02/28/89	Dekalb-Pfizer Genetics
	'MBST' is most similar to 'A619Ht'; however, 'MBST' differs from 'A619Ht' in days from 50% silk to 25% moisture (57 vs 72 days), plant height (215 vs 186 cm), and ear height (80 vs 63 cm).			

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
CORN, FIELD (Continued)				
8800211	PHM49	01/31/89 Pioneer Hi-Bred International, Inc.		
	'PHM49' is most similar to 'G35'; however, 'PHM49' has red anthers and green silks whereas 'G35' has yellowish-brown anthers and red silks.			
8800212	PHP02	01/31/89 Pioneer Hi-Bred International, Inc.		
	'PHP02' is most similar to 'PHG29'; however, 'PHP02' has yellow anthers and salmon-colored silks whereas 'PHG29' has red anthers and red silks.			
8800213	PHR47	01/31/89 Pioneer Hi-Bred International, Inc.		
	'PHR47' is most similar to 'G39'; however, 'PHR47' has red cobs whereas 'G39' has white cobs.			
8800214	PHT10	02/28/89 Pioneer Hi-Bred International, Inc.		
	'PHT10' is most similar to 'B73'; however, 'PHT10' has purple anthers and white cobs whereas 'B73' has yellow anthers and red cobs.			

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
CORN, FIELD (Continued)				
8800215	PHW52	'PHW52' is most similar to 'B73'; however, color whereas 'B73' has yellow anthers and dark green leaf color.	02/28/89	Pioneer Hi-Bred International, Inc.
8800216	PHH93	'PHH93' is most similar to '207'; however, whereas '207' has red anthers and red cobs.	02/28/89	Pioneer Hi-Bred International, Inc.
8800217	PHN47	'PHN47' is most similar to '207'; however, whereas '207' has red anthers and red silks.	03/31/89	Pioneer Hi-Bred International, Inc.
8800218	PHR32	'PHR32' is most similar to 'G35'; however, whereas 'G35' has yellow anthers and red silks.	03/31/89	Pioneer Hi-Bred International, Inc.

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
CORN, FIELD (Continued)				
8800219	PHT60		03/31/89	Pioneer Hi-Bred International, Inc.
	'PHT60' is most similar to 'PHR36'; however 'PHT60' has white cobs whereas 'PHR36' has red cobs.			
8800220	PHW79		03/31/89	Pioneer Hi-Bred International, Inc.
	'PHW79' is most similar to 'G35'; however, 'PHW79' has red anthers whereas 'G35' has yellow anthers.			
FESCUE, TALL				
8800170	Cattle Club		01/31/89	FFR Cooperative
	'Cattle Club' is most similar to 'Ky-31'; however, 'Cattle Club' has darker leaves (medium dark vs medium light green) and matures later (4.7 vs 3.5 where 1=anthesis, 9=vegetative) than 'Ky-31'.			
LETTUCE				
8600150	Bounty		03/31/89	Petoseed Co., Inc.
	'Bounty' is most similar to 'Salinas'; however, 'Bounty' has white seed whereas 'Salinas' has black seed.			

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LETTUCE (Continued)

8700023 Redprize 02/28/89 Ferry-Morse Seed Company  
'Redprize' is most similar to 'Prizehead'; however, 'Redprize' has a larger frame diameter (40.4 vs 37.2 cm) and shorter seedstalk (55.8 vs 71.0 cm) than 'Prizehead'.

8800023 Fanfare 02/28/89 Ferry-Morse Seed Company  
'Fanfare' is most similar to 'Grand Rapids-Waldmann's Green'; however, 'Fanfare' has more rapid growth expressed as a taller (22.3 vs 20.2 cm) and wider (33.1 vs 30.3 cm) plant.

8800027 Garnet 03/31/89 Ferry-Morse Seed Company  
'Garnet' is most similar to 'Seoul Ruby'; however, 'Garnet' is a shorter plant at market maturity (31.92 vs 33.41 cm) and is later flowering (103 vs 98 days) than 'Seoul Ruby'.

8900002 Rosalita 02/28/89 Johnny's Selected Seeds and  
Brinker Orsetti Seed Co., Inc.  
'Rosalita' is most similar to 'Rouge D'Hiver'; however, 'Rosalita' is earlier to head, more upright in growth habit, glossier, and slightly more blistered than 'Rouge D'Hiver'. The leaf color of 'Rosalita' is brown-red (burgundy) as opposed to warm red for 'Rouge D'Hiver'.

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PEA

8700148 Frolic  
'Frolic' is most similar to 'Early Freezer 680'; however, 'Frolic' is 5 cm shorter and has smaller seeds (5,159 vs 4,277 seeds per kilogram) than 'Early Freezer 680'.

01/31/89 Gallatin Valley Seed Co.

8800206 Irby Scotch  
'Irby Scotch' is most similar to 'Campbell Scotch'; however, 'Irby Scotch' is resistant to pea enation mosaic virus whereas 'Campbell Scotch' is susceptible.

01/31/89 Campbell Soup Company

PEPPER

8800202 Vegi-Sweet  
'Vegi-Sweet' most closely resembles 'Jalapeno' in fruit size and shape and 'Yolo Wonder' in fruit color, flavor, texture, and plant habit. However, 'Vegi-Sweet' fruit contain only 0 to 20 seeds whereas 'Jalapeno' and 'Yolo Wonder' fruit contain 200 to 300 seeds.

02/28/89 DNA Plant Technology Corporation

SOYBEAN

8700113 S29-20  
'S29-20' is most similar to 'A2943'; however, 'S29-20' has a yellow hilum whereas 'A2943' has an imperfect black hilum.

02/28/89 Northrup King Co.

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CERT. NO.	VARIETY	GEN. ISSUE (*) DATE	NAME OF OWNER
SOYBEAN (Continued)			
8800124	AP 2021	01/31/89	Nickerson American Plant Breeders, Inc.
'AP 2021' is most similar to 'RS 2300'; however, 'AP 2021' has low seed coat peroxidase activity whereas 'RS 2300' has high seed coat peroxidase activity. 'AP 2021' has 20-39% hypocotyl emergence whereas 'RS 2300' has 60-79% emergence when seeds are planted 10 cm deep in sand at 25 degrees C.			
8800125	AP 3977	01/31/89	Nickerson American Plant Breeders, Inc.
'AP 3977' is most similar to 'Williams 79' and 'Williams 82'; however, 'AP 3977' is resistant to iron deficiency chlorosis whereas 'Williams 79' and 'Williams 82' are susceptible.			
8800151	A5403	02/28/89	Asgrow Seed Company
'A5403' most closely resembles 'Essex', 'Stafford', and 'York'; however, 'A5403' is resistant to soybean cyst nematode races 3 and 4 whereas 'Essex', 'Stafford', and 'York' are susceptible.			

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SOYBEAN (Continued)				
8800165	9301		01/31/89	Pioneer Hi-Bred International, Inc.
	'9301' is most similar to 'A3127', 'Century', '9271', '9292', and 'Pella'; however, '9301' matures 6 days earlier than 'A3127' and has black hila whereas '9271' and '9292' have brown hila. '9301' has high seed coat peroxidase activity whereas 'Century' and 'Pella' have low seed coat peroxidase activity.			
8800166	9501		01/31/89	Pioneer Hi-Bred International, Inc.
	'9501' most closely resembles 'Egyptian'; however, '9501' is susceptible to races 3 and 4 of the cyst nematode <u>Heterodera glycines</u> whereas 'Egyptian' is resistant.			
8800174	A3415		02/28/89	Asgrow Seed Company
	'A3415' most closely resembles 'Cartter', 'Fayette', and 'A3307'; however, 'A3415' matures 7 days earlier than 'Cartter', 2 days earlier than 'A3307', and 3 days later than 'Fayette'.			

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SOYBEAN (Continued)				
8800175	A4009		02/28/89	Asgrow Seed Company
	'A4009' most closely resembles 'A3860', 'A3966', 'A4271', and 'Fayette'; however, 'A4009' is resistant to races 3 and 4 of the cyst nematode whereas 'A3860', 'A3966', and 'A4271' are susceptible. 'A4009' matures 2 days later than 'Fayette'.			
TOMATO				
8600136	Peto 111		02/28/89	Petoseed Co., Inc.
	'Peto 111' most closely resembles 'Hunt 100'; however, 'Peto 111' has higher soluble solids (5.82 vs 5.52%) and larger fruit (78.98 vs 73.56 g) than 'Hunt 100'.			
WHEAT, COMMON				
8500106	Rodeo	(3)	01/31/89	HybriTech Seed International, Inc.
	'Rodeo' is most similar to 'Centurk' and 'Centurk 78' except 'Rodeo' has oblique glume shoulders whereas 'Centurk' and 'Centurk 78' have rounded to square glume shoulders. 'Rodeo' is 2 to 3 cm shorter and heads 1 to 2 days earlier than 'Centurk' and 'Centurk 78'.			

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM  
JANUARY 1, 1989 TO MARCH 31, 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
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WHEAT, COMMON (Continued)

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|---------------|---|-----|----------|--|
| 8600038 Tammy | (3) 02/28/89 World Seeds, Inc.<br>'Tammy' is most similar to 'Courtney'; however, at maturity the glumes and awns of 'Tammy' are white, whereas the glumes and awns of 'Courtney' are reddish brown. 'Tammy' is 5 cm shorter than 'Courtney'.   | (3) | 02/28/89 | World Seeds, Inc.  |
| 8700138 GR860 | (2) 03/31/89 The Ohio State University<br>Ohio Agricultural Research and Development Center<br>'GR860' most closely resembles 'Adena'; however, 'GR860' heads 4 days earlier than 'Adena' and the apical awnlets of 'GR860' are shorter (normally less than 5 mm) than those of 'Adena' (normally 2-3 cm). Hairs are absent from the auricles of 'GR860' but are often present on the auricles of 'Adena'. Phenol reaction of 'GR860' is black while that of 'Adena' is fawn. | (2) | 03/31/89 | The Ohio State University<br>Ohio Agricultural Research and Development Center |

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM  
JANUARY 1, 1989 TO MARCH 31, 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
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WHEAT, COMMON (Continued)  
8700139 GR863

(2) 03/31/89 The Ohio State University  
Ohio Agricultural Research and  
Development Center

'GR863' most closely resembles 'Titan'; however, 'GR863' is fully awned at heading whereas 'Titan' is only apically awnleted. 'GR863' is 6 days earlier in heading and 10 cm shorter than 'Titan' in mature plant height. At maturity, 'GR863' is brown chaffed while 'Titan' is white chaffed.

8700159 Coker 9733

01/31/89 Northrup King Co.

'Coker 9733' most closely resembles 'Tyler' except 'Coker 9733' has superior resistance to powdery mildew (0.3 vs 2.6 on a scale of 0 = no disease, 9 = severe disease), stem rust (0 vs 8.0) and leaf rust (0.3 vs 6.3).

8700167 Cody

(3) 01/31/89 The Board of Regents, The University  
of Nebraska

'Cody' is most similar to 'Centurk 78' and 'Centura' except 'Cody' has shorter (6.9 vs 8.1 mm) glumes, higher 1000 kernel weight (i.e., larger seeds) and superior tolerance to Cephalosporium stripe than 'Centurk 78'. 'Cody' has longer (average 5.6 vs 3 mm) glume beaks than 'Centura'.

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JANUARY 1, 1989 TO MARCH 31, 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
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WHEAT, COMMON (Continued)  
8700168 Redland

(3) 01/31/89 The Board of Regents, The University of Nebraska

'Redland' is most similar to 'Brule' except the mature plant height of 'Redland' is 4 cm shorter than that of 'Brule'. The average glume beak length of 'Redland' is shorter (2.5 vs 3.6 mm) than that of 'Brule'.

8700202 2180

'2180' is most similar to '2172'; however, '2180' is semi-erect in juvenile growth habit and hairs are absent from the last internode of its rachises. '2172' has an erect juvenile growth habit and hairs are present on the last internode of its rachises. The glume shoulder shape of '2180' is square, whereas the glume shoulder shape of '2172' is elevated.

8800012 2375

'2375' is most similar to '2385'; however, '2375' has oblique glume shoulders at maturity and a waxy bloom on the stem and leaves at booting, whereas '2385' has square shoulders at maturity and no waxy bloom on the stem and leaves at boot stage. Also, '2375' is 1 day later in heading and physiological maturity than '2385'. The 1000 kernel weight of '2375' is greater (35 vs 30 gm) than that of '2385'.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM  
JANUARY 1, 1989 TO MARCH 31, 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
WHEAT, COMMON (Continued)				
88000033	Norkan	(3)	02/28/89	Kansas Agricultural Experiment Station
	'Norkan' is most similar to 'Larned'; however, 'Norkan' is resistant to wheat soilborne mosaic virus whereas 'Larned' is susceptible. 'Norkan' has shorter coleoptiles (84-85 vs 111-114 mm) than 'Larned'.			
88000034	Dodge	(3)	02/28/89	Kansas Agricultural Experiment Station
	'Dodge' is most similar to 'Newton' and 'Arkan'; however, the coleoptiles of 'Dodge' are longer (93-94 vs 87-88 mm) than those of 'Newton' and shorter (93-94 vs 111-119 mm) than those of 'Arkan'. The plant height of 'Dodge' is 2.5 to 10 cm (mean 6 cm) shorter than 'Newton'. 'Dodge' is susceptible to the Great Plains biotype of Hessian fly whereas 'Arkan' is resistant.			

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM  
JANUARY 1, 1989 TO MARCH 31, 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
WHEAT, COMMON (Continued)				
8800080	Traveler	(3)	01/31/89	Nickerson American Plant Breeders, Inc.
'Traveler' is most similar to 'Florida 302'; however, 'Traveler' has bronze chaff at maturity and an erect (non-nodding) head whereas 'Florida 302' has white chaff at maturity and a nodding head. 'Traveler' has shorter glumes (6.7 vs 7.3 mm) and shorter glume beaks (2.6 vs 3.9 mm) than 'Florida 302'.				
8800121	GR876	(2)	03/31/89	The Ohio State University Ohio Agricultural Research and Development Center
'GR876' most closely resembles 'Hart'; however, 'GR876' is 3.5 days later heading than 'Hart' and is resistant to field races of powdery mildew and leaf rust at various Ohio locations whereas 'Hart' is very susceptible.				

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM  
JANUARY 1, 1989 TO MARCH 31, 1989

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
WHEAT, DURUM	8800233 WestBred 883	(*)	03/31/89	Western Plant Breeders, Inc.
	'WestBred 883' is most similar to 'WestBred 881'; however, 'WestBred 883' is 3 to 7 days earlier heading than 'WestBred 881' and has yellow anthers and no anthocyanin present in its auricles whereas 'WestBred 881' has purple anthers and anthocyanin present in its auricles. Test weight of 'WestBred 883' averages one and one-half pounds per bushel greater than that of 'WestBred 881'.			

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CERTIFICATES AMENDED  
JANUARY 1, 1989 TO MARCH 31, 1989

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
ALFALFA 8900064	Allegiance	(*)	03/31/89	United AgriSeeds, Inc.
Number of generations of certified seed permitted beyond breeder's seed changed from 2 to unlimited number of generations.				
BROMEGRASS, SWEET 8200096	Deborah		12/30/82	Daehnfeldt Inc.
Name of owner changed from Pacific Seed Production Co. to Daehnfeldt Inc.				

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< > Identifies temporary designations.

CERTIFICATES AMENDED  
JANUARY 1, 1989 TO MARCH 31, 1989

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
COTTON				
8100060	Germain's Acala GC-363	(*)	03/24/83	Germain's, Inc.
	Name of owner changed from Germain's, Inc., a California corporation to Germain's, Inc., a Delaware corporation.			
8100061	Germain's Acala GC-445	(*)	03/24/83	Germain's, Inc.
	Name of owner changed from Germain's, Inc., a California corporation, to Germain's, Inc., a Delaware corporation.			

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# CERTIFICATES AMENDED

JANUARY 1, 1989 TO MARCH 31, 1989

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
COTTON				
8100062	Germain's Acala GC-555	(*)	03/24/83	Germain's, Inc.
	Name of owner changed from Germain's, Inc., a California corporation, to Germain's, Inc., a Delaware corporation.			
8200166	Germain's Acala GC-510	(*)	03/24/83	Germain's, Inc.
	Name of owner changed from Germain's, Inc., a California corporation, to Germain's, Inc., a Delaware corporation.			

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# CERTIFICATES AMENDED

JANUARY 1, 1989 TO MARCH 31, 1989

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
COTTON				
8400129	Germain's Acala GC-362	(*)	09/28/84	Germain's, Inc.
	Name of owner changed from Germain's, Inc., a California corporation, to Germain's, Inc., a Delaware corporation.			
8500154	Terra C-40		12/27/85	Delta Pine and Land Company
	Name of owner changed from Terra International, Inc. to Delta Pine and Land Company.			
8500155	Terra C-30		12/27/85	Delta Pine and Land Company
	Name of owner changed from Terra International, Inc. to Delta Pine and Land Company.			

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< > Identifies temporary designations.

# CERTIFICATES AMENDED

JANUARY 1, 1989 TO MARCH 31, 1989

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
SOYBEAN				
7900025	Victor		04/12/79	BioTechnica Agriculture, Inc.
Name of owner changed from J. M. Schultz Seed Company to BioTechnica Agriculture, Inc.				
WHEAT, COMMON				
7600079	W-444	(3)	12/20/76	Germain's, Inc.
Name of owner is changed from Germain's, Inc., a California corporation to Germain's, Inc., a Delaware corporation.				

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< > Identifies temporary designations.



§180.175 Fees and charges -- effective April 20, 1989

The following fees and charges apply to the services and actions specified below:

- (a) Filing the application and notifying public of filing..... \$250
- (b) Search or examination.....1,900
- (c) Allowance and issuance of certificate and notifying public  
of issuance..... 250
- (d) Revive an abandoned application..... 250
- (e) Reproduction of records, drawings, certificates, exhibits, or  
printed material (copy per page of material)..... 1
- (f) Authentication (each page)..... 1
- (g) Correcting or reissuance of a certificate..... 250
- (h) Recording assignments (per certificate/application)..... 25
- (i) Copies of 8 x 10 photographs in color..... 25
- (j) Additional fee for reconsideration..... 250
- (k) Additional fee for late payment..... 25
- (l) Additional fee for late replenishment of seed..... 25
- (m) Appeal to Secretary (refundable if appeal overturns the  
Commissioner's decision).....2,400
- (n) Field inspections by a representative of the Plant Variety  
Protection Office made at the request of the applicant shall be  
reimbursable in full (including travel, per diem or subsistence,  
and salary) in accordance with Standardized Government Travel  
Regulations.
- (o) Any other service not covered above will be charged for at rates  
prescribed by the Commissioner, but in no event shall they exceed  
\$40 per employee-hour.

Fee schedule amended and published in the Federal Register,  
Vol. 54, No. 53, March 21, 1989, pp. 11487-11489.

(The above replaces Section 180.175 on page 40 of the Regulations and  
Rules of Practice under the Plant Variety Protection Act.)

#### GENERAL INFORMATION

Dr. Thomas A. Salt has joined the staff of the Plant Variety Protection Office as of March 13, 1989, as a Plant Examiner. Dr. Salt comes to us from the Department of Botany at the University of Maryland where he had been Assistant to the Chairman since 1985.

Mr. Al Burgoon, a Plant Examiner with our Office since 1985, resigned in February. We hope to have all Plant Examiner positions filled within the next few months.



UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
PLANT VARIETY PROTECTION OFFICE  
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